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**GRIEBER et al.**(10) **Pub. No.: US 2021/0317241 A1**(43) **Pub. Date: Oct. 14, 2021**(54) **RESIN COMPOSITION SUITABLE FOR  
PRINTING AND PRINTING METHODS***B33Y 80/00* (2006.01)*B33Y 70/00* (2006.01)*C08F 2/44* (2006.01)(71) Applicant: **MONTANUNIVERSITÄT LEOBEN,**  
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Embodiments of the invention relate to a resin composition, in particular suitable for printing, a kit comprising components of the resin composition, printing methods, a polymer obtained by the printing methods, an article comprising or formed from the polymer, uses thereof, and a composition. The resin composition comprises at least one compound C1 having at least one terminal alkyne functional group; at least one compound C2 having at least two thiol functional groups; at least one compound C3 having at least one carbon-carbon double bond; at least one photoinitiator; and at least one stabilizer.